

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8094	downconversion or downconvert\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:41
L2	3701	L1 and ("local oscillator" or LO)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:41
L3	347	L2 and (second near3 frequency near3 oscillator)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:41
L4	218	L3 and baseband	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:47
L5	116	L4 and RF	USPAT	OR	ON	2006/10/02 11:41
L6	82	L5 and (different near5 frequency)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:41
L7	45	L6 and (sum and difference)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:41
L8	45	L7 and (RF or "radio frequency")	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:41
L9	16	L8 and ("in phase" and quadrature)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:41
L10	0	9 and (function near8 ("first and second frequencies"))	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:42
L11	0	9 and (function same ("first and second frequencies"))	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:43
L12	14	9 and (function near8 frequency)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:45
L13	0	12 and (function near8 (both or two) near8 frequencies)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 12:40
L14	14	9 and (function near8 frequency)	USPAT	OR	ON	2006/10/02 11:45
L15	12	14 and (generat\$3 same baseband same ("local oscillator" or LO))	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 12:40
L16	0	14 and (generat\$3 same baseband same ("local oscillator" or LO) same (RF or "radio frequency"))	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 12:34

EAST Search History

L17	3	L5 and (upper near5 oscillator)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 12:34
L18	0	14 and (generat\$3 same baseband same ("local oscillator" or LO) same (RF or "radio frequency")).clm.	US-PGPUB	OR	ON	2006/10/02 12:35
L19	0	9 and (function near8 (both or two) near8 frequencies).clm.	US-PGPUB	OR	ON	2006/10/02 12:37
L20	11381	455/323 455/557 455/326-329 455/334 455/339 455/255 455/260 455/277.1 455/280 455/312-313 375/301 375/321 370/316 342/368	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 12:40
L21	413	20 and (generat\$3 same baseband same ("local oscillator" or LO))	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 12:43
L22	6	21 and (function near8 (both or two) near8 frequencies)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 12:42
L23	0	21 and (function near8 (both or two) near8 frequencies).clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 12:43
L24	29	20 and (generat\$3 same baseband same ("local oscillator" or LO)).clm.	US-PGPUB	OR	ON	2006/10/02 12:44
L25	0	24 and (function near8 (both or two) near8 frequencies).clm.	US-PGPUB	OR	ON	2006/10/02 12:43
S1	66617	"455"/\$.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2005/03/06 19:00
S2	9343	S1 and ("local oscillator" or LO)	US-PGPUB; USPAT; EPO	OR	ON	2005/03/06 19:01
S3	1081	S2 and (downconversion or downconvert\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:21
S4	973	S3 and (RF or "radio frequency")	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:24
S5	423	S4 and "baseband signal"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/06 19:02
S6	52	S5 and ("in phase" and quadrature)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:25
S7	33	S6 and (sum and difference)	US-PGPUB; USPAT; EPO	OR	ON	2006/03/19 15:02

EAST Search History

S8	77208	"455"/\$.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/03/19 15:02
S9	10987	S8 and ("local oscillator" or LO)	US-PGPUB; USPAT; EPO	OR	ON	2006/03/19 15:02
S10	1277	S9 and (downconversion or downconvert\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/03/19 15:02
S11	1148	S10 and (RF or "radio frequency")	US-PGPUB; USPAT; EPO	OR	ON	2006/03/19 15:02
S12	525	S11 and "baseband signal"	US-PGPUB; USPAT; EPO	OR	ON	2006/03/19 15:02
S13	63	S12 and ("in phase" and quadrature)	US-PGPUB; USPAT; EPO	OR	ON	2006/03/19 15:02
S14	41	S13 and (sum and difference)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:24
S15	33	S14 and (different near5 frequency)	US-PGPUB; USPAT; EPO	OR	ON	2006/03/19 15:02
S16	10	S15 and ("I" near8 different near8 "Q")	US-PGPUB; USPAT; EPO	OR	ON	2006/03/19 15:03
S17	83323	"455"/\$.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:21
S18	11954	S17 and ("local oscillator" or LO)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:21
S19	1428	S18 and (downconversion or downconvert\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:21
S20	8019	downconversion or downconvert\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:21
S21	3674	S20 and ("local oscillator" or LO)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:22
S22	347	S21 and (second near3 frequency near3 oscillator)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:27

EAST Search History

S23	218	S22 and baseband	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:23
S24	173	S23 and RF	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:23
S25	116	S23 and RF	USPAT	OR	ON	2006/09/18 14:23
S26	82	S25 and (different near5 frequency)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:23
S27	45	S26 and (sum and difference)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:24
S28	45	S27 and (RF or "radio frequency")	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:24
S29	16	S28 and ("in phase" and quadrature)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 11:41
S30	0	S29 and (upper near3 frequency near3 oscillator)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:27
S31	0	S29 and (upper near5 oscillator)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:27
S32	3	S25 and (upper near5 oscillator)	US-PGPUB; USPAT; EPO	OR	ON	2006/10/02 12:34
S33	3	S32 and (lower near5 oscillator)	US-PGPUB; USPAT; EPO	OR	ON	2006/09/18 14:28

A row of ten small navigation icons typically found in Beamer presentations, including symbols for back, forward, search, and other slide controls.

- L1: (8094) downconversion or downconvert\$3
- L2: (3701) L1 and ("local oscillator" or LO)
- L3: (347) L2 and (second near3 frequency near3 oscillator)
- L4: (218) L3 and baseband
- L5: (116) L4 and RF
- L6: (82) L5 and (different near5 frequency)
- L7: (45) L6 and (sum and difference)
- L8: (45) L7 and (RF or "radio frequency")
- L9: (16) L8 and ("in phase" and quadrature)
- L10: (0) 9 and (function near8 ("first and second frequencies"))
- L11: (0) 9 and (function same ("first and second frequencies"))
- L12: (14) 9 and (function near8 frequency)
- L13: (0) 12 and (function near8 (both or two) near8 frequencies)
- L14: (14) 9 and (function near8 frequency)
- L16: (0) 14 and (generat\$3 same baseband same ("local oscillator" or LO) s
- L15: (12) 14 and (generat\$3 same baseband same ("local oscillator" or LO))
- L17: (3) L5 and (upper near5 oscillator)
- L18: (0) 14 and (generat\$3 same baseband same ("local oscillator" or LO) s
- L19: (0) 9 and (function near8 (both or two) near8 frequencies).chn.
- L20: (11381) 455/323 455/557 455/326-329 455/334 455/339 455/255 455/260
- L21: (413) 20 and (generat\$3 same baseband same ("local oscillator" or LO)






Failed

DBs: ☐ US-PGPUB; ☐ USPAT; ☐ EPC ☒ Plurals

Default operator: ☒ Highlight all hit terms initially

455/323 455/557 455/326-329 455/334
455/339 455/255 455/260 455/277.1 455/280
455/312-313 375/301 375/321 370/316
342/368

 BRS form IS&R form Image Text HTML

U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor
<div>   </div> <div>  Hits  Details  HTML </div>									

- Failed**

Search List Browse Queue Clear

DBs: US-PGPUB ☒ Plurals

Default operator: OR ☒ Highlight all hit terms initially

24 and (function near8 (both or two)
near8 frequencies).clm.

 BRS form
 IS&R form
 Image
 Text
 HTML

U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor

EAST - [10027638.wsp:1]

File View Edit Tools Window Help

☐ Pending
☒ Active
☐ Failed
☒ Saved

- ✖ L1: (83323) "455"/\$.ccls.
- ✖ L2: (11954) L1 and ("local oscillator" or LO)
- ✖ L3: (1428) L2 and (downconversion or downconvert\$3)
- ✖ L4: (8019) downconversion or downconvert\$3
- ✖ L5: (3674) 4 and ("local oscillator" or LO)
- ✖ L6: (347) 5 and (second near3 frequency near3 oscillator)
- ✖ L7: (218) 6 and baseband
- ✖ L8: (173) 7 and RF
- ✖ L9: (116) 7 and RF
- ✖ L10: (82) 9 and (different near5 frequency)
- ✖ L11: (45) 10 and (sum and difference)
- ✖ L12: (45) 11 and (RF or "radio frequency")
- ✖ L13: (16) 12 and ("in phase" and quadrature)
- ✖ L14: (0) 13 and (upper near3 frequency near3 oscillator)
- ✖ L15: (0) 13 and (upper near5 oscillator)
- ✖ L16: (3) 9 and (upper near5 oscillator)
- ✖ L17: (3) 16 and (lower near5 oscillator)

Search List Browse Queue Clear

DBs US-PGPUB: USPAT: EPO ☒ Plurals

Default operator: OR ☒ Highlight all hit terms initially

16 and (lower near5 oscillator)

☒ BRS form ☒ IS&R form ☒ Image ☒ Text ☒ HTML

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6631256 B2	20031007	24	Simplified high frequency tuner and tuning method	455/302			Suominen; Edwin A.
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6081697 A	20000627	19	Multi-carrier radio system and radio transceiver	455/109	329/356; 332/167;		Haartsen; Jacobus Cornelis
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5937341 A	19990810	27	Simplified high frequency tuner and tuning method	455/324	375/324; 455/207		Suominen; Edwin A.

☒ Hits ☒ Details ☒ HTML

Ready

NUM